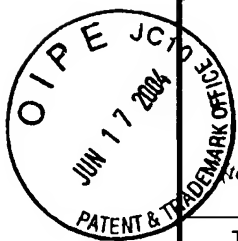


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# TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

<b>TRANSMITTAL FORM</b> (to be used for all correspondence after initial filing)		Application Number	10/811,403
		Filing Date	March 26, 2004
		First Named Inventor	Dingding Chen, et al.
		Group Art Unit	2661
		Examiner Name	Unknown
Total Number of Pages in This Submission	39	Attorney Docket Number	2003-IP-012537 (1391-49300)

## ENCLOSURES (check all that apply)

<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s)	<input type="checkbox"/> After Allowance Communication to Technology Center (TC) <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): <ul style="list-style-type: none"> <li>• Acknowledgement Postcard</li> <li>• Transmittal Letter</li> <li>• Copies of cited references</li> </ul>
Remarks		

## SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Or Individual Name	Albert C. Metrailler, Reg. No. 27,145
Signature	<i>Albert C. Metrailler</i>
Date	6-14-04

## CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail, in an envelope addressed to: Commissioner of Patents, P. O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.			
Typed or Printed Name	Karen A. Harris		
Signature	<i>Karen A. Harris</i>	Date	June 14, 2004

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P. O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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App Docket: 2003-IP-0125375 (1391-49300)

Patent

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Dingding Chen, et al.  
Serial No.: 10/811,403  
Filed: March 26, 2004  
For: GENETIC ALGORITHM BASED SELECTION OF  
NEURAL NETWORK ENSEMBLE FOR  
PROCESSING WALL LOGGING DATA

§  
§ Group Art Unit: 2661  
§  
§ Examiner: N/A  
§  
§ Confirmation No.: 3287  
§

Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

I hereby certify that this correspondence and PTO Form 1449 with citations attached, is being deposited with the United States Postal Service by First Class Mail, postage prepaid, addressed to: Commissioner for Patents, PO Box 1450, Alexandria, VA 22313-1450 on

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Karen A. Harris

INFORMATION DISCLOSURE STATEMENT

Commissioner:

This Information Disclosure Statement, including completed Form PTO-1449, comprises a list of pertinent art of which Applicants are aware. Copies of the publications listed on Form PTO-1449 are enclosed herewith.

The submission of this Information Disclosure Statement and Form PTO-1449 is not an admission that the art cited is "prior" with respect to the present invention, nor is it a representation that no better art exists. Applicants hereby reserve the right to swear behind or otherwise disprove any alleged "prior" nature of any art cited should the facts support and that situation warrant such an action. It is submitted that the art cited does not constitute a bar to the patentability of Applicant's invention under 35 U.S.C. § 102 or § 103.

Respectfully submitted,  
CONLEY ROSE, P.C.

Date: 6-14-04

Albert C. Metrailler  
Albert C. Metrailler  
Reg. No. 27,145

5700 Granite Parkway, Suite 330  
Plano, Texas 75024  
(972) 731-2288  
(972) 731-2289 Facsimile

ATTORNEY FOR APPLICANTS

<b>FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE</b> <b>(Modified) PATENT AND TRADEMARK OFFICE</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <b>FOR: Genetic Algorithm Based Selection of Neural Network</b> <b>Ensemble for Processing Well Logging Data</b>	<b>ATTY. DOCKET NO.</b> 2003-IP-012537 (1391-49300)	<b>SERIAL NO.</b> 10/811,403
	<b>APPLICANTS:</b> Dingding Chen, et al.	
	<b>FILING DATE:</b> March 26, 2004	<b>GROUP</b> 2661

U. S. PATENT DOCUMENTS							
Examiner Initial		Patent Number	Issue Date	Patentee	Class	Sub-class	Filing Date (If Appropriate)

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION									
			Document Number	Publication Date	Country or Patent Office	Class	Sub-Class	Translation	
								Yes	No

OTHER DOCUMENTS (Including Author, Title, Date, Relevant Pages, Place of Publication)		
	A	Md. Monirul Islam, et al., <i>A Constructive Algorithm for Training Cooperative Neural Network Ensembles</i> , July 2003, pp. 820-834, IEEE Transactions on Neural Networks, Vol. 14, No. 4
	B	Gaspar-Cunha, A. <i>RPSGAe – Reduced Pareto Set Genetic Algorithm: A Multiobjective Genetic Algorithm with Elitism</i> , November, 2002, Six pages, Workshop on Multiple Objective Metaheuristics, Carre des Sciences, Paris, France
	C	R. M. Everson, et al., <i>Full Elite-Sets for Multi-objective Optimisation</i> , 2002, Eight pages, Fifth International Conference on Adaptive Computing in Design and Manufacture (ACDM 2002)
	D	Zhi-Hua Zhou, et al., <i>Genetic Algorithm based Selective Neural Network Ensemble</i> , 2001, vol. 2, pp. 797-802, 17 <sup>th</sup> International Joint Conference on Artificial Intelligence, Seattle, WA

Examiner	Date Considered
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EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.